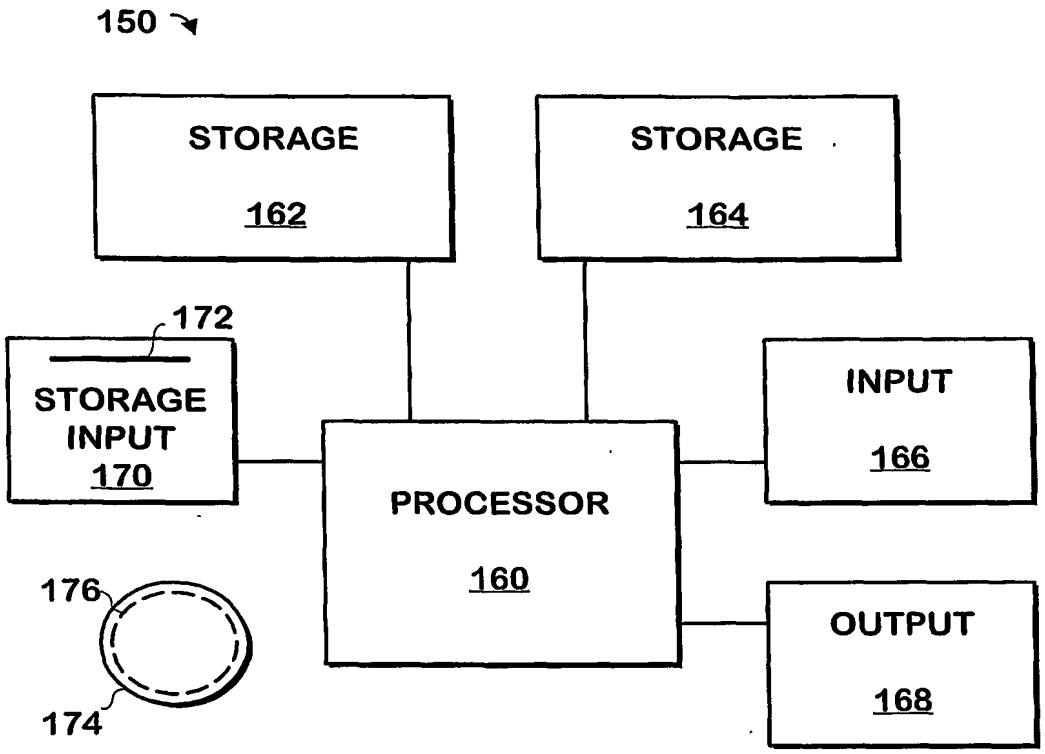

FIG._1
(PRIOR ART)

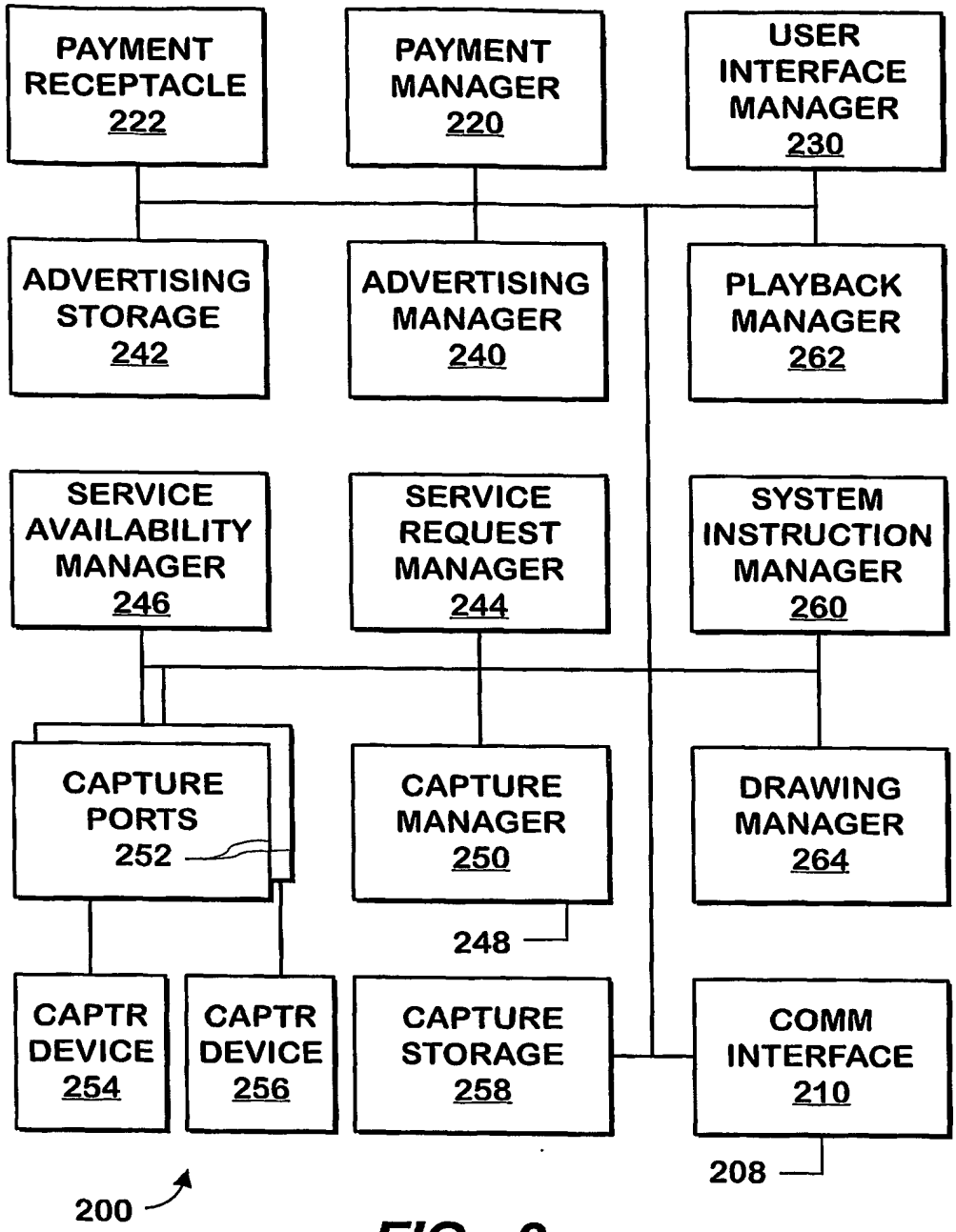
PAYMENT RECEPTACLE 222
PAYMENT MANAGER 220
USER INTERFACE MANAGER 230
ADVERTISING STORAGE 242
ADVERTISING MANAGER 240
PLAYBACK MANAGER 262
SERVICE AVAILABILITY MANAGER 246
SERVICE REQUEST MANAGER 244
SYSTEM INSTRUCTION MANAGER 260
CAPTURE PORTS 252
CAPTURE MANAGER 250
DRAWING MANAGER 264
248
CAPTR DEVICE 254
CAPTR DEVICE 256
CAPTURE STORAGE 258
COMM INTERFACE 210
208
200

FIG._2

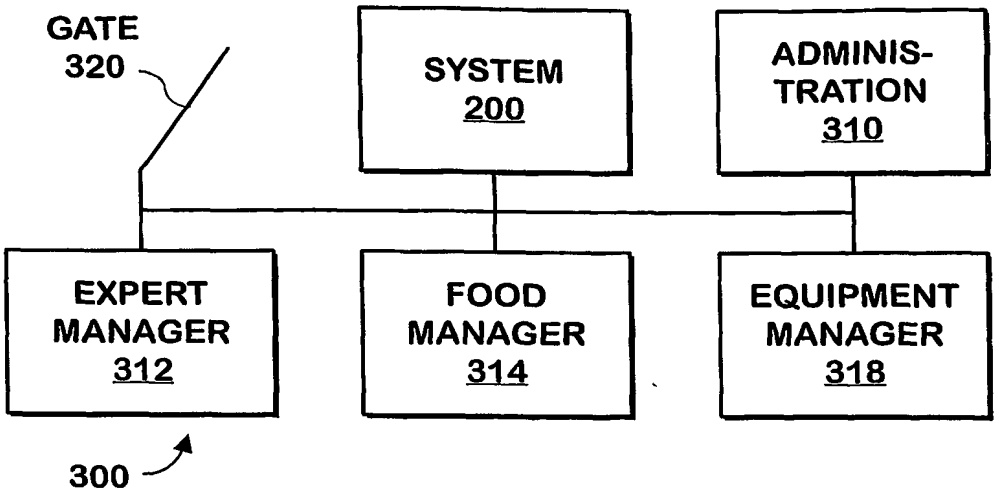
GATE
320
SYSTEM
200
ADMINIS-
TRATION
310
EXPERT
MANAGER
312
FOOD
MANAGER
314
EQUIPMENT
MANAGER
318
300

FIG._3A

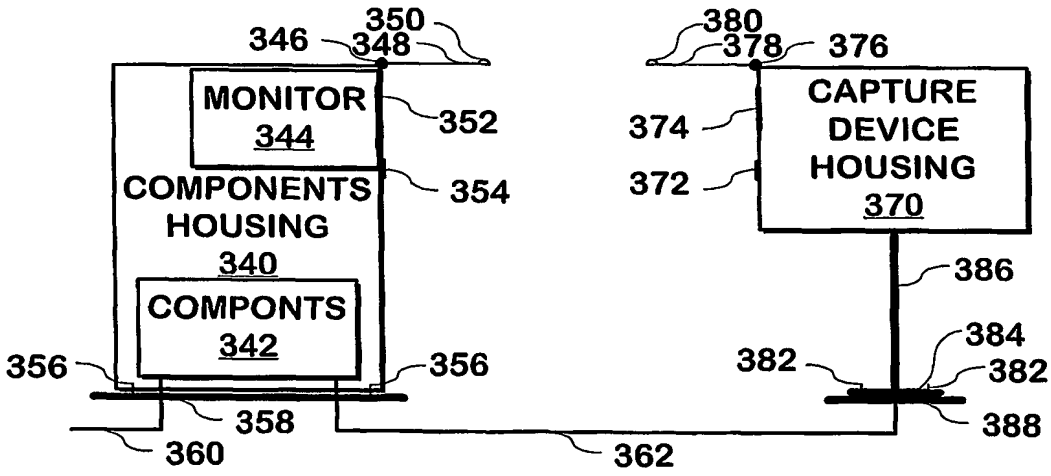
350
346
348
MONITOR
344
352
354
COMPONENTS
HOUSING
340
COMPONTS
342
356
356
358
360
362
380
378
376
374
372
CAPTURE
DEVICE
HOUSING
370
386
384
382
382
388

FIG._3B

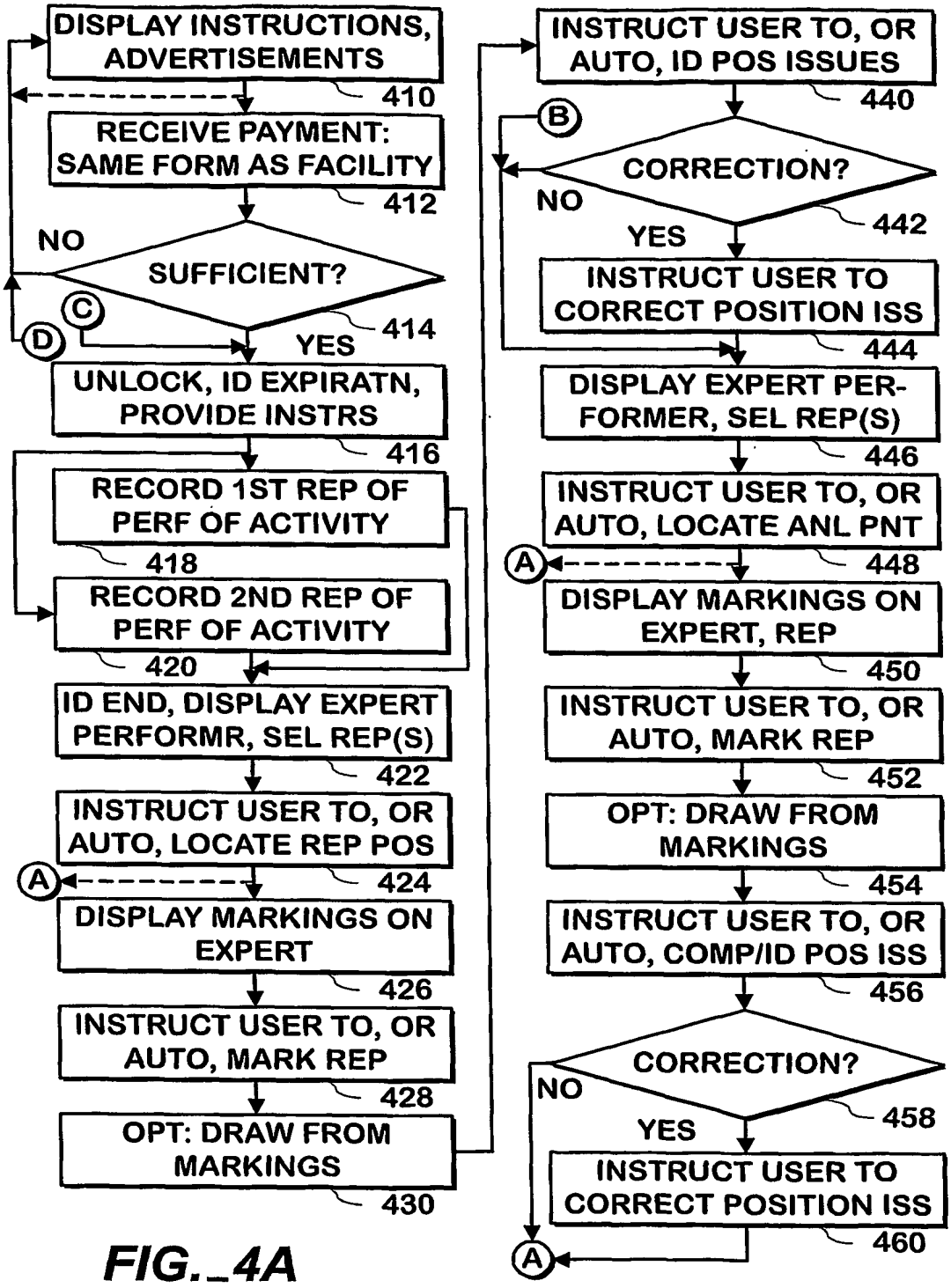
DISPLAY INSTRUCTIONS, ADVERTISEMENTS
410
RECEIVE PAYMENT: SAME FORM AS FACILITY
412
NO
SUFFICIENT?
414
YES
C
D
UNLOCK, ID EXPIRATN, PROVIDE INSTRS
416
RECORD 1ST REP OF PERF OF ACTIVITY
418
RECORD 2ND REP OF PERF OF ACTIVITY
420
ID END, DISPLAY EXPERT PERFORMR, SEL REP(S)
422
INSTRUCT USER TO, OR AUTO, LOCATE REP POS
424
A
DISPLAY MARKINGS ON EXPERT
426
INSTRUCT USER TO, OR AUTO, MARK REP
428
OPT: DRAW FROM MARKINGS
430
INSTRUCT USER TO, OR AUTO, ID POS ISSUES
440
B
CORRECTION?
NO
YES
442
INSTRUCT USER TO CORRECT POSITION ISS
444
DISPLAY EXPERT PER-FORMER, SEL REP(S)
446
INSTRUCT USER TO, OR AUTO, LOCATE ANL PNT
448
A
DISPLAY MARKINGS ON EXPERT, REP
450
INSTRUCT USER TO, OR AUTO, MARK REP
452
OPT: DRAW FROM MARKINGS
454
INSTRUCT USER TO, OR AUTO, COMP/ID POS ISS
456
CORRECTION?
NO
YES
458
INSTRUCT USER TO CORRECT POSITION ISS
460
A

FIG._4A

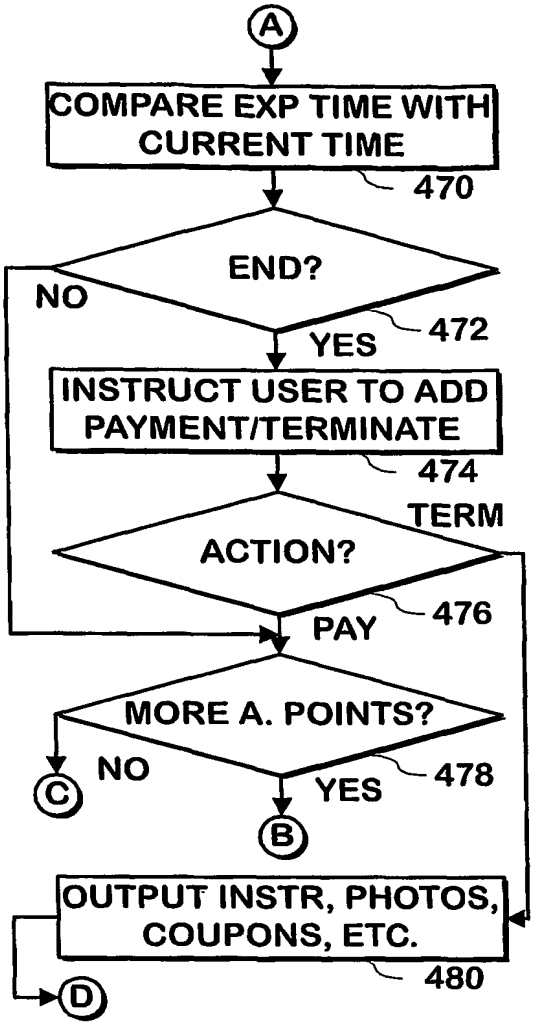
A
COMPARE EXP TIME WITH CURRENT TIME
470
END?
NO
YES
472
INSTRUCT USER TO ADD PAYMENT/TERMINATE
474
TERM
ACTION?
PAY
476
MORE A. POINTS?
NO
YES
478
C
B
OUTPUT INSTR, PHOTOS, COUPONS, ETC.
480
D

FIG._4B

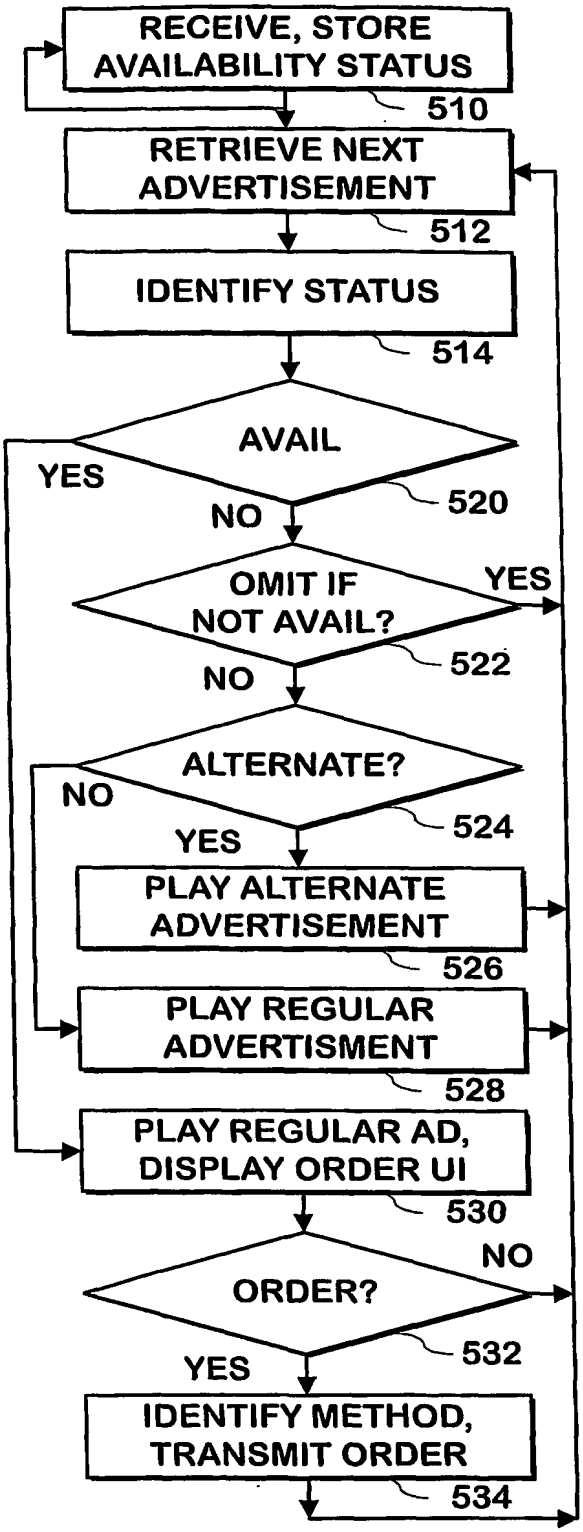
RECEIVE, STORE AVAILABILITY STATUS
510
RETRIEVE NEXT ADVERTISEMENT
512
IDENTIFY STATUS
514
AVAIL
520
YES
NO
OMIT IF NOT AVAIL?
522
YES
NO
ALTERNATE?
524
NO
YES
PLAY ALTERNATE ADVERTISEMENT
526
PLAY REGULAR ADVERTISMENT
528
PLAY REGULAR AD, DISPLAY ORDER UI
530
ORDER?
532
NO
YES
IDENTIFY METHOD, TRANSMIT ORDER
534

FIG._5

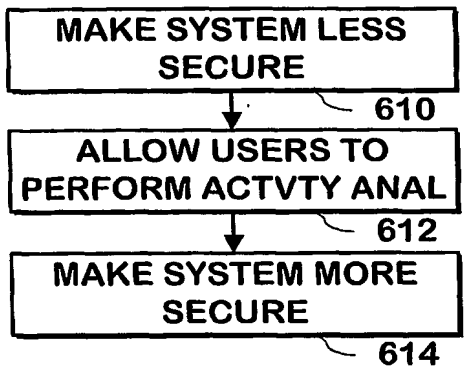
MAKE SYSTEM LESS SECURE
610
ALLOW USERS TO PERFORM ACTVTY ANAL
612
MAKE SYSTEM MORE SECURE
614

FIG._6

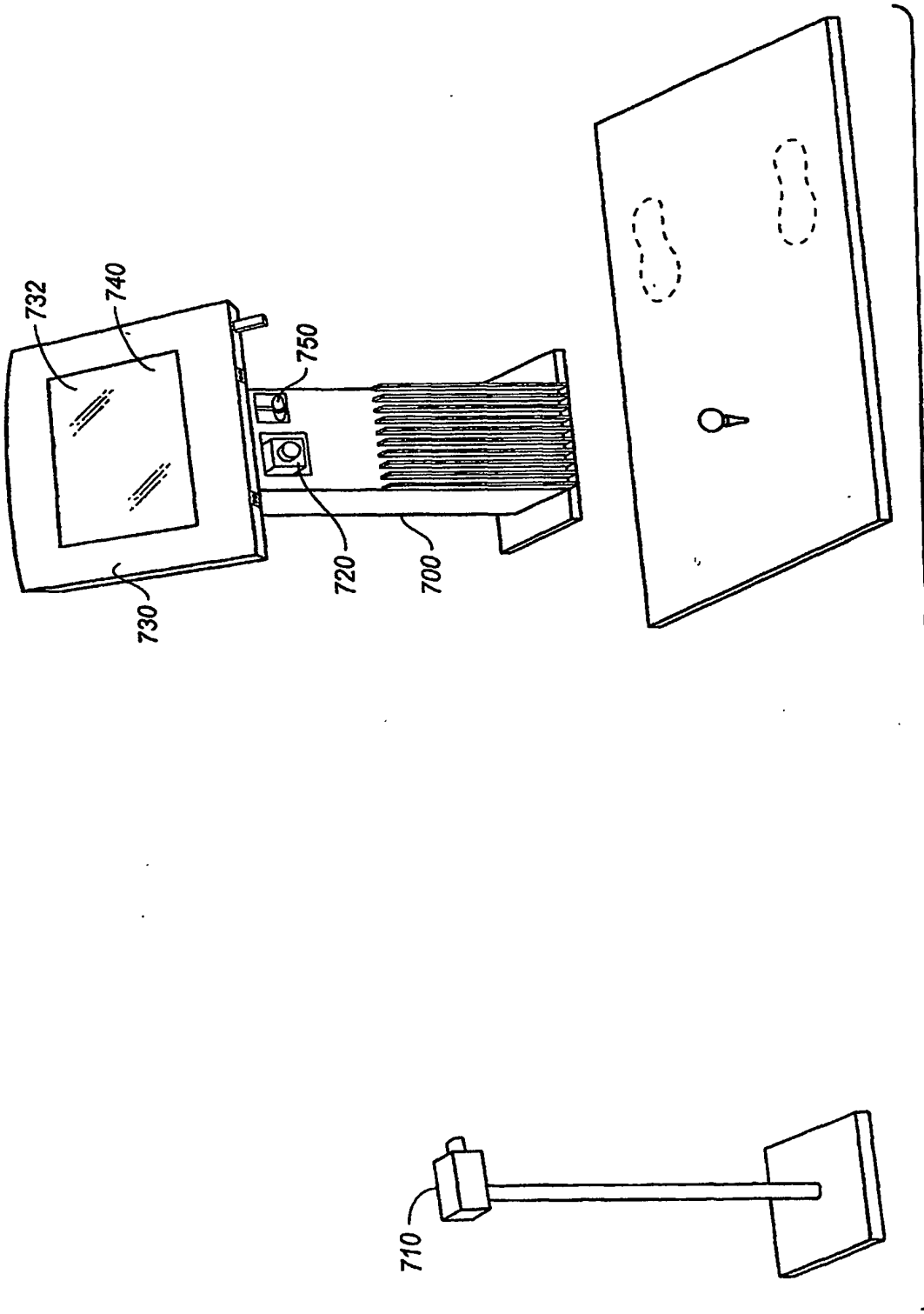

FIG._7

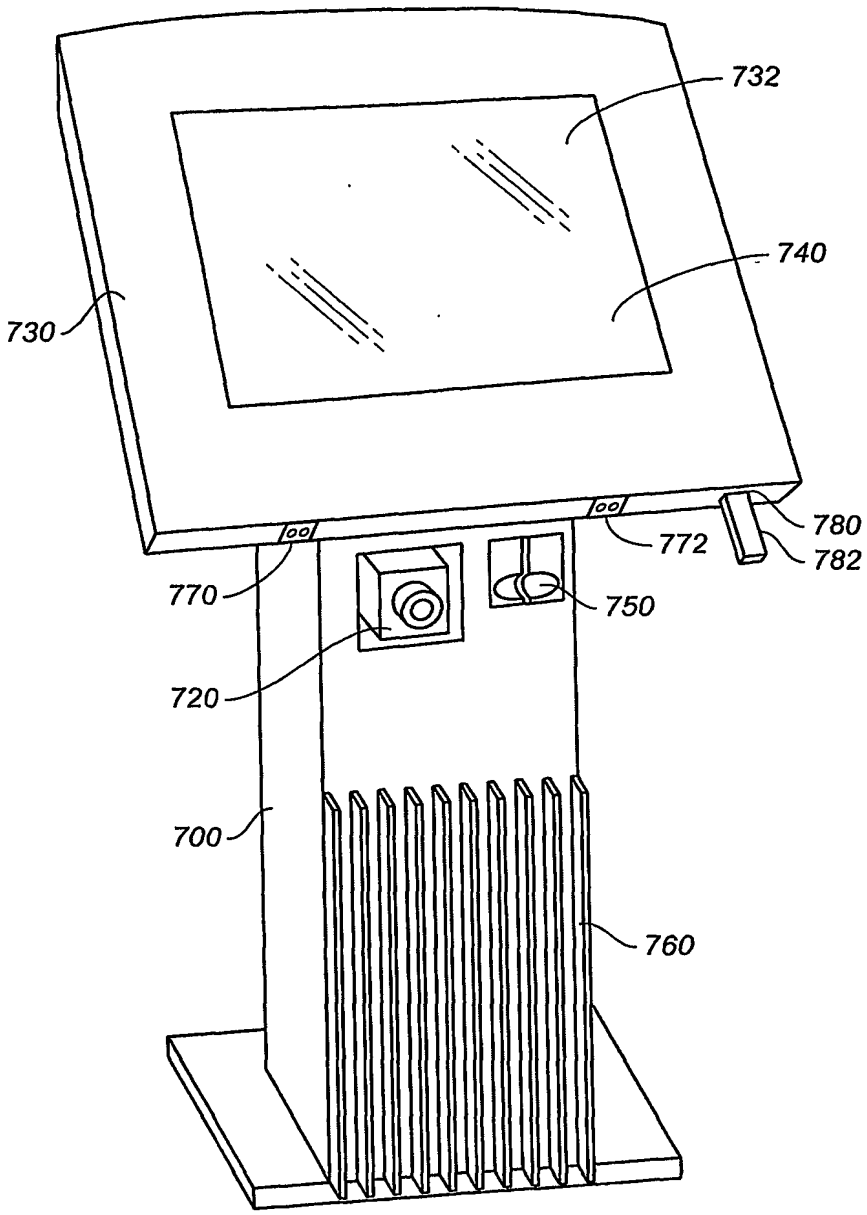

FIG._8
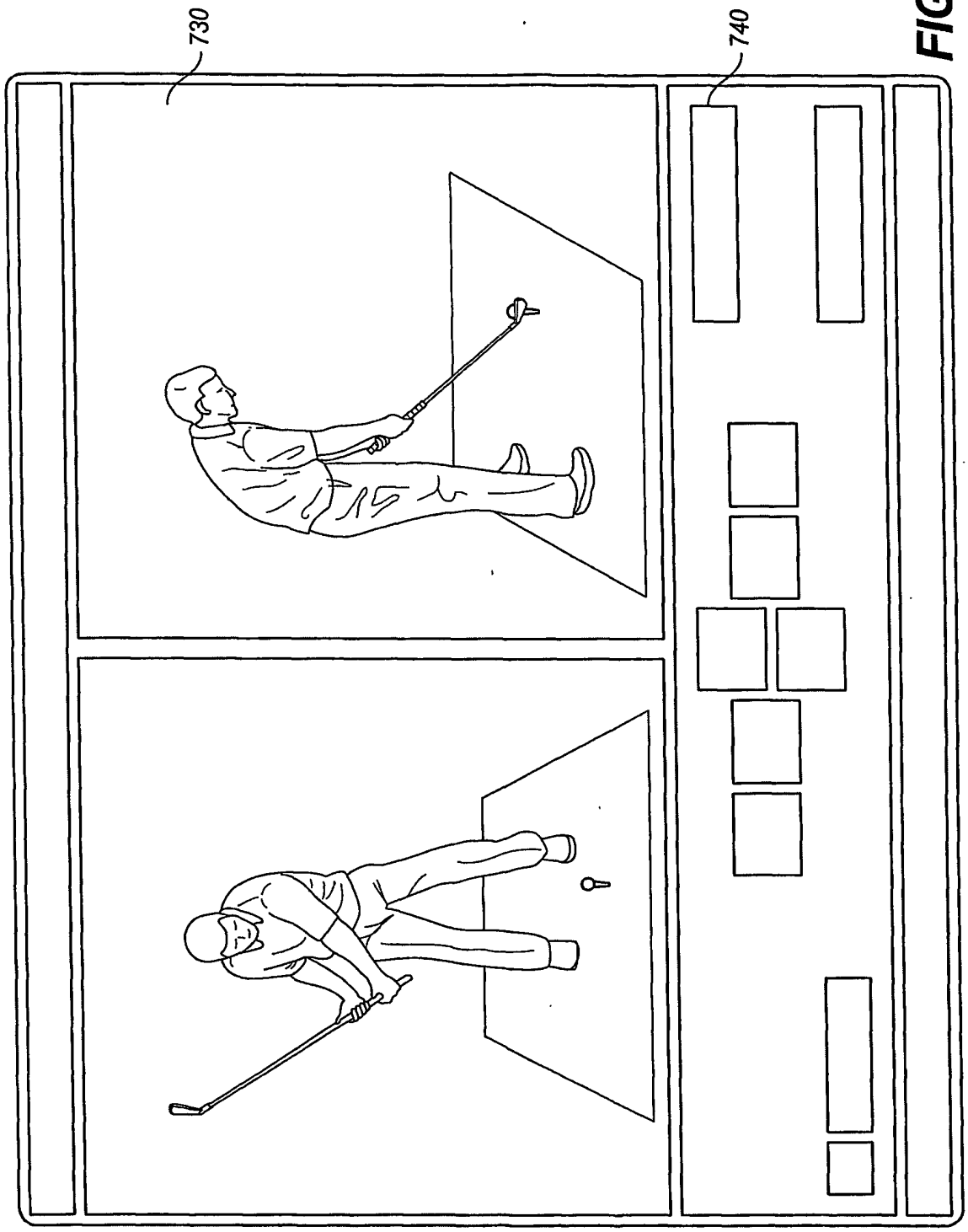
FIG._9